Beam LTE Bundle 4

The Beam LTE Vehicular RV Bundle includes the Beam MG200 LTE Gateway Kit with Beam LTE716 Patch Antenna for those who want a highly efficient connection that requires signal speed.

Beam LTE Vehicular RV Bundle (MG200-VAB)



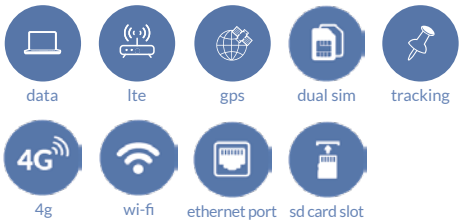
The Beam LTE Vehicular RV Bundle with Beam LTE716 Patch Antenna for those who want a highly efficient connection that requires signal speed.

The LTE716 Antenna is equipped with an adhesive mount and delivers powerful multiple-input, multiple-output (MIMO) antenna technology for LTE 4G fast connection and a custom tuned GPS patch antenna for GNSS location services.

This bundle is the perfect solution for vehicles who often drive out to fringe and regional locations and wants to achieve a better signal strength.

Key Features

- Simple and affordable high-speed connectivity
- 4G LTE Category 13 (up to 391Mbps DL) with failover to 3G
- Dual SIM failover protection
- Location tracking with GPS
- Wi-Fi access point and hotspot functionality
- Industrial design for vehicle environments
- Antenna efficient element design combining LTE, Wi-Fi and GPS.
- Vibration and shock resistant



APPLICATIONS


Caravan


Truck


Bus/Coach

Technical Specifications

MG200 LTE GATEWAY

PHYSICAL SPECIFICATIONS

Dimensions	**mm (L x W x H)**	**inches (L x W x H)**
Unit (w/o Bracket kit)	131 x 99 x 31	5.2 x 3.9 x 1.2
Unit (with Bracket kit)	167 x 99 x 39	6.6 x 3.9 x 1.5
Outer Box	278 x 247 x 69	10.94 x 9.72 x 2.60
Weight	**kgs**	**lbs**
Unit	0.625	1.377

ENVIRONMENTAL SPECIFICATIONS

Temperature	**Degrees °C**	**Degrees °F**
Operating Range	-30° to +70°	-22° to +158°
Storage	-40° to +85°	-40°to +185°
Humidity	10%~95% (non condensing)	

RF CHARACTERISTICS

LTE Module	1 x LTE-Cat.13, 2 x SIM, with GNSS
Ethernet	2 x RJ45 FE
Wi-Fi	802.11n 2T2R (2.4GHz)
Log Storage	1 x MicroSD card slot
Power Input	1 x DC 9V ~ 36V (Terminal Block)
Antenna Con.	Power Input
Power Input	2 x SMA (F)-LTE, 2 x SMA(M)-Wi-Fi, 1 x SMA(F)-GPS

WAN & UPLINK

WAN	Cellular & Config. Ether-WAN; Failover, Load Balance,
Cellular	3GPP, 3G/LTE, IP Pass-through, IPv4/6
Ether-WAN	Dynamic IP, Static IP, PPPoE, PPTP, L2TP
Network Monitor	ICMP/DNS Query

WI-FI SPECIFICATIONS

Standard	2.4GHz MIMO 802.11n
Mode	AP Router, WDS, WDS Hybrid Modes
Functions	Multi-SSID, WMM
Security	WEP, WPA,WPA2, WPA-PSK, WPA2- PSK, 802.1x
Captive Portal	Wi-Fi hotspot

CERTIFICATIONS

EMC	EN 55032, ETSI EN 301 489-1, ETSI EN 301 489-17, EN 301489-52
Radio	ETSI EN 300 328, AS/ACIF S042.1 & AS/CA S042.4
Safety	AS/NZS 2772.2, IEC62368

LTE716 PATCH ANTENNA

PHYSICAL SPECIFICATIONS

Color	Black	
Cable Length (m)	5	
Dimensions	**mm (L x W x H)**	**inches (L x W x H)**
Unit	47 x 32 x 23	1.85 x 1.25 x 0.90
Packing Dimensions	230 x 170 x 90	9.05 x 6.69 x 3.54
Weight	**kgs**	**lbs**
Unit	0.25	0.55
Packing Weight	1	2.20

ENVIRONMENTAL SPECIFICATIONS

Temperature	**Degrees °C**	**Degrees °F**
Operating Temperature	-40°C + 85°C	-40°F to +185°F

ANTENNA SPECIFICATIONS

	LTE	**Wi-Fi**	**GPS**
Frequency (MHz)	698-960/1710-2170/2500-2700	2410-2490/4920-5925	1575.42
Gain (V)	2.0/2.7/2.0	3.0/3.5	28 @ 2.7 V
Polarization	Linear	Linear	RHCP
V.S.W.R (dB)	~1.8:1/~1.3:1/~2.0:1	<=1.4:1 dB	<=1.4:1 dB
Impedance (ohm)	50	50	50
Max Input Power (W)	25	25	NA
Radiation Pattern	Omni-Directional	Omni-Directional	Hemispherical

LTE VEHICULAR RV BUNDLE

KIT CONTENTS

- 1 x Beam MG200 LTE Gateway
- 2 x Cellular Antennas
- 2 x Wi-Fi Antenna
- 1 x Terminal Block (2-pin for DC Power)
- 2 x Mounting Brackets
- 1 x Screw Bag
- 1 x Din Rail Bracket with Screws
- 1 x Spare Device Label
- 1 x AC Power Adapter with AU Plug
- 1 x Fused Power Cable
- 4 x Rubber Feet
- 1 x MG200 LTE Gateway Quick Start Guide
- 1 x Beam LTE716 Patch Antenna
- 1 x Beam LTE Vehicular RV Bundle Installation Guide

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